

WOOD SPECIES IDENTIFICATION, A CHALLENGE OF SCIENTIFIC CONSERVATION.

MC Timar, L Gurău, M Porojan - *International Journal of Conservation Science*, 2012

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The Influence of the tool geometry and feed rate on the drilling quality of pre-laminated particleboard

M ISPAS, L GURĂU, S RĂCĂȘAN - *Pro Ligno*, 2013 - [proligno.ro](#)

Abstract: Pre-laminated particleboard is a wood based composite extensively used in the furniture industry. Drilling is the most common machining process which prepares the panels for joining. The tip angle of the drill bit and the feed speed during drilling play a major role ...

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A mild method of wood impregnation with biopolymers and resins using 1-ethyl-3-methylimidazolium chloride as carrier

C Croitoru, S Patachia, A Lunguleasa - *Chemical Engineering Research ...*, 2015 - Elsevier

Abstract The paper presents a new method of wood surface impregnation with biopolymers and resins, such as chitosan, zein, gelatine and guaiac resin, by using 1-ethyl-3-methylimidazolium chloride ionic liquid as solvent-carrier. The mentioned compounds ...

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A PRELIMINARY STUDY OF THREE CHINESE WOOD SPECIES FOR TRADITIONAL CHINESE FURNITURE

XY Liu, MC Timar, A Varodi - ... of Brasov, Series II. Forestry, Wood ..., 2013 - [webbut.unitbv.ro](#)

Abstract: Traditional Chinese furniture is a valuable part of world cultural heritage. Its long history can be divided into four periods: "the youth period", "the growth period", "the development period" and "the maturity period", with specific characteristics in terms of ...

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STUDY REGARDING THE VARIATION OF THE THRUST FORCE, DRILLING TORQUE AND SURFACE DELAMINATION WITH THE FEED PER TOOTH AND ...

M ISPAS, L GURĂU, S RĂCĂȘAN - *Pro Ligno*, 2014 - [proligno.ro](#)

Abstract: Drilling of pre-laminated particleboards is a subject insufficiently covered by dedicated research. Therefore, the objective of this study was to examine the relationship of some key drilling parameters and analyze the variation of the thrust force, torque and ...

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MICROSCOPIC IDENTIFICATION OF WOOD SPECIES AN IMPORTANT STEP IN FURNITURE CONSERVATION

MC Timar, L Gurau, M Porojan... - *European Journal of ...*, 2013 - [ejst.tuiasi.ro](#)

Abstract Wooden religious artefacts such as iconostasis, polychromic wood statues and church furniture represent an important part of the cultural heritage, often needing careful conservation and restoration. Any restoration work of such an object that involves ...

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